

Commercial Motor Vehicles in Collisions

Table 39 shows Commercial Motor Vehicle (CMV) collisions for 2002 through 2006. For the purposes of collision reporting, CMV's are buses, truck tractors, tractor-trailer combinations, trucks with more than two axles, trucks with more than two tires per axle, or trucks exceeding 8,000 pounds gross vehicle weight. This category also includes pickups with dual rear wheels.

Table 39 Commercial Motor Vehicle Collision Rates : 2002-2006							
	2002	2003	2004	2005	2006	Change 2005-2006	Avg. Change 2002-2005
Fatal Collisions	32	40	31	30	25	-16.7%	-0.2%
Injury Collisions	526	492	536	527	502	-4.7%	0.3%
Total Collisions	1,766	1,704	1,918	1,983	1,710	-13.8%	4.1%
Commercial VMT (100 millions)	25.4	25.4	26.4	27.3	28.3	3.6%	2.5%
Fatal Collision Rate	1.3	1.6	1.2	1.1	0.9	-19.5%	-2.3%
Injury Collision Rate	20.7	19.3	20.3	19.3	17.7	-8.0%	-2.2%
Total Collision Rate	69.4	67.0	72.6	72.5	60.4	-16.7%	1.6%

Table 40 presents the location of CMV collisions by severity and roadway type. While 55% of all CMV collisions occurred on rural roadways, 80% of fatal CMV collisions took place on rural roadways.

The largest percentage of all CMV collisions (46%) occurred on local roads, while the largest percentage of fatal CMV collisions (64%) took place on US and State highways.

Table 40 Location of Commercial Motor Vehicle Collisions by Roadway Type: 2006								
	Fatal		Injury		Property Damage		All Collisions	
Interstate								
Rural	3	12.0%	68	13.5%	149	12.6%	220	12.9%
Urban	1	4.0%	33	6.6%	71	6.0%	105	6.1%
U.S. or State Highway								
Rural	14	56.0%	142	28.3%	263	22.2%	419	24.5%
Urban	2	8.0%	56	11.2%	120	10.1%	178	10.4%
Local								
Rural	3	12.0%	97	19.3%	198	16.7%	298	17.4%
Urban	2	8.0%	106	21.1%	382	32.3%	490	28.7%
Total	25	1.5%	502	29.4%	1,183	69.2%	1,710	

Table 41 shows the number of collisions by severity that each type of commercial motor vehicle was involved in for 2002 to 2006.

Table 41 Collisions Involving Commercial Motor Vehicles by Vehicle Type : 2002-2006							
	2002	2003	2004	2005	2006	Change 2005-2006	Avg. Change 2002-2005
Bus							
Fatal Collisions	2	1	0	1	0	-100.0%	-16.7%
Injury Collisions	42	30	37	43	31	-27.9%	3.7%
Property Damage Collisions	116	90	105	94	87	-7.4%	-5.4%
Single Unit Truck							
Fatal Collisions	8	13	12	12	10	-16.7%	18.3%
Injury Collisions	175	156	195	161	173	7.5%	-1.1%
Property Damage Collisions	360	336	402	425	390	-8.2%	6.2%
Single Unit Truck with Trailer							
Fatal Collisions	0	2	2	1	0	-100.0%	50.0%
Injury Collisions	25	29	28	25	35	40.0%	0.6%
Property Damage Collisions	72	76	90	76	74	-2.6%	2.8%
Truck Tractor Only (Bobtail)							
Fatal Collisions	1	1	1	1	0	-100.0%	0.0%
Injury Collisions	6	13	14	8	16	100.0%	27.2%
Property Damage Collisions	21	30	35	36	25	-30.6%	20.8%
Semi with Single-Trailer Configurations							
Fatal Collisions	19	20	16	11	11	0.0%	-15.3%
Injury Collisions	253	235	239	253	212	-16.2%	0.1%
Property Damage Collisions	559	561	629	696	550	-21.0%	7.7%
Semi with Double-Trailer Configurations							
Fatal Collisions	3	2	2	4	3	-25.0%	22.2%
Injury Collisions	40	37	35	52	50	-3.8%	11.9%
Property Damage Collisions	108	93	113	122	88	-27.9%	5.2%
Semi with Triple-Trailer Configurations							
Fatal Collisions	0	1	0	0	1	100.0%	0.0%
Injury Collisions	1	0	2	1	4	300.0%	16.7%
Property Damage Collisions	11	13	9	6	9	50.0%	-15.3%

**** Crashes between vehicle types are not mutually exclusive. In other words, a crash involving a bus and a single unit truck would be represented in both categories**

Table 42 shows different vehicle types as a percent of all vehicles in collisions excluding pedestrians, bicyclists, and non-motor vehicles.

Table 42 Vehicles in All Collisions by Vehicle Type: 2002-2006							
Vehicle Type	2002	2003	2004	2005	2006	Change 2005-2006	Avg. Change 2002-2005
Passenger Cars	23,102	23,363	23,780	23,931	20,062	-16.2%	1.2%
%	49.9%	50.4%	48.4%	49.0%	48.1%	-1.8%	-0.5%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	20,334	20,346	22,357	21,830	18,968	-13.1%	2.5%
%	43.9%	43.9%	45.5%	44.7%	45.5%	1.7%	0.6%
Medium Trucks*	652	623	743	719	699	-2.8%	3.9%
%	1.4%	1.3%	1.5%	1.5%	1.7%	13.8%	1.8%
Large Trucks**	1,057	1,034	1,124	1,222	1,004	-17.8%	5.1%
%	2.3%	2.2%	2.3%	2.5%	2.4%	-3.8%	3.2%
Buses	163	122	143	141	119	-15.6%	-3.1%
%	0.4%	0.3%	0.3%	0.3%	0.3%	-1.2%	-5.1%
Motorcycles	415	452	533	558	528	-5.4%	10.5%
%	0.9%	1.0%	1.1%	1.1%	1.3%	10.8%	8.5%
All Other***	577	443	458	393	288	-26.7%	-11.3%
%	1.2%	1.0%	0.9%	0.8%	0.7%	-14.2%	-13.1%
TOTALS	46,300	46,383	49,138	48,794	41,668	-14.6%	1.8%
<i>*Medium trucks are single unit trucks with more than 2 tires per axle or more than 2 axles.</i> <i>**Large trucks include bobtail tractors and tractor-semitrailer combinations.</i> <i>***Includes Farm Equipment, Recreational Vehicles, Construction , ATVs, Trains, Snowmobiles, Other, and Unknown or Missing data.</i>							

Table 43 presents injury severity comparisons by vehicle type for all persons in CMV collisions. In 2006, there were 4,410 persons involved in CMV collisions. Occupants of passenger vehicles combined to comprise 40% of the persons involved in CMV collisions. Of the 37 fatalities that occurred in CMV collisions, 77% were occupants of passenger cars, pickups, vans, or other vehicles while 7% were occupants of CMV's.

Table 43 Comparison of Injury Severity for Persons in Commercial Motor Vehicle Collisions: 2006					
Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	2	13	10	5	30
% of Fatalities	6.7%	43.3%	33.3%	16.7%	0.7%
Serious Injuries	24	66	49	5	144
% of Serious Injuries	16.7%	45.8%	34.0%	3.5%	3.3%
Visible Injuries	102	65	72	10	249
% of Visible Injuries	41.0%	26.1%	28.9%	4.0%	5.6%
Possible Injuries	118	110	91	3	322
% of Possible Injuries	36.6%	34.2%	28.3%	0.9%	7.3%
Non-Injury	2,366	636	624	11	3,637
% of Non- Injury	65.1%	17.5%	17.2%	0.3%	82.5%
Unknown	13	6	7	2	28
% of Unknown	46.4%	21.4%	25.0%	7.1%	0.6%
Column Totals	2,625	896	853	36	4,410
(% OF TOTAL)	59.5%	20.3%	19.3%	0.8%	
<i>*SUV is an acronym for Sport Utility Vehicles.</i> <i>**Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.</i>					

In 2006, the economic cost of collisions involving commercial motor vehicles was \$161.6 million dollars. This represents 9% of the total cost of Idaho collisions (as shown in Table 4).